

**AMENDMENTS TO THE CLAIMS  
PURSUANT TO REVISED 37 CFR § 1.21**

1. (Currently Amended) A method of creating a tRNA/coumarin marker conjugate, comprising:
  - a) providing a charged tRNA molecule and a coumarin marker molecule, wherein said coumarin marker has a sulfonated-NHS leaving group; and
  - b) reacting said charged tRNA with said coumarin marker molecule to create a tRNA/marker conjugate.
2. (Currently Amended) The method of Claim 1, further comprising:
  - c) introducing said tRNA/marker conjugate into a translation system under conditions such that said marker of said tRNA/marker conjugate is incorporated into a nascent protein.
3. (Original) The method of Claim 2, further comprising:
  - d) detecting said nascent protein containing said marker.
4. (Original) The method of Claim 3, further comprising:
  - e) isolating said detected nascent protein.
5. (Original) The tRNA/marker conjugate produced according to the method of Claim 1.
6. (Currently Amended) A protein synthesis kit, comprising:
  - a) a first containing means containing at least one component of a protein synthesis system;
  - b) a second containing means containing a tRNA/marker conjugate produced according to the method of Claim 1.
7. (Original) The kit of Claim 6, wherein said tRNA of said tRNA/marker conjugate is an initiator tRNA.

8. (Original) The kit of Claim 6, wherein said tRNA of said tRNA/marker conjugate is a suppressor tRNA.

9. (Original) The kit of Claim 6, wherein said component of said protein synthesis system comprises ribosomes.